

# Resource Summary Report

Generated by [ASWG](#) on Aug 4, 2026

## MIMMS microscope 1.0 (2016)

RRID:SCR\_016511

Type: Tool

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### Proper Citation

MIMMS microscope 1.0 (2016) (RRID:SCR\_016511)

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### Resource Information

**URL:** <https://www.janelia.org/open-science/mimms-10-2016>

**Proper Citation:** MIMMS microscope 1.0 (2016) (RRID:SCR\_016511)

**Description:** Modular platform for performing two-photon laser scanning microscopy (TPLSM) optimized for in vivo applications.

**Abbreviations:** MIMMS

**Synonyms:** Modular In vivo Multiphoton Microscopy System

**Resource Type:** instrument resource

**Keywords:** instrument, computer, controlled, microscope, two, photon, laser, scanning, imagining

**Availability:** Available for Free for non profit research in the Janelia research community

**Resource Name:** MIMMS microscope 1.0 (2016)

**Resource ID:** SCR\_016511

**Record Creation Time:** 20220129T080331+0000

**Record Last Update:** 20260801T190545+0000

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### Ratings and Alerts

No rating or validation information has been found for MIMMS microscope 1.0 (2016).

No alerts have been found for MIMMS microscope 1.0 (2016).

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### Data and Source Information

## Usage and Citation Metrics

We found 6 mentions in open access literature.

**Listed below are recent publications.** The full list is available at [ASWG](#) .

Brandalise F, et al. (2025) Thalamocortical feedback selectively controls pyramidal neuron excitability. Nature communications, 16(1), 5663.

Tang S, et al. (2024) Dynamic ensemble balance in direct- and indirect-pathway striatal projection neurons underlying decision-related action selection. Cell reports, 43(9), 114726.

Chéreau R, et al. (2020) Dynamic perceptual feature selectivity in primary somatosensory cortex upon reversal learning. Nature communications, 11(1), 3245.

Kerlin A, et al. (2019) Functional clustering of dendritic activity during decision-making. eLife, 8.

Lowe AR, et al. (2015) Importin- $\beta$  modulates the permeability of the nuclear pore complex in a Ran-dependent manner. eLife, 4.

Lu S, et al. (2015) The transcription factor c-Fos coordinates with histone lysine-specific demethylase 2A to activate the expression of cyclooxygenase-2. Oncotarget, 6(33), 34704.